

IN THE CLAIMS:

This listing of claims will replace all prior versions and listing of claims in the application:

1. (Previously Presented) A balloon occlusion inflation apparatus, comprising:

a first balloon configured for insertion into a blood vessel or body cavity having an internal wall, the first balloon being inflatable through a first inflation lumen;

a second balloon disposed outside the blood vessel or body cavity, and that is inflatable through a second inflation lumen;

a pump mechanism, fluidly connected to the first and second lumens, that is operable to inflate the first and second balloons through the first and second lumens, respectively; and

a pressure gauge communicating with the first inflation lumen and independently and simultaneously communicating with the second inflation lumen to permit a comparison of a detected pressure of the first balloon with a detected pressure of the second balloon when the first balloon is inflated so as to engage the internal wall of the vessel or cavity.
2. (Original) The apparatus of claim 1, wherein the first and second balloons are elastomeric.
3. (Original) The apparatus of claim 1, wherein the first and second balloons are non-elastomeric.

4. (Previously Presented) The apparatus of claim 1, wherein the pump mechanism comprises a first pump that communicates with the first inflation lumen and a second pump that communicates with the second inflation lumen, wherein the first and second pumps are syringes.

5. (Original) The apparatus of claim 4, wherein the syringes are tandem acting syringes

6. (Original) The apparatus of claim 1, wherein the pressure gauge includes a shut-off valve, operably associated with the second inflation lumen.

7. (Original) The apparatus of claim 1, wherein the pressure gauge includes a pressure limiter.

8. (Original) The apparatus of claim 1, wherein the pressure gauge is a differential pressure gauge.

9. (Original) The apparatus of claim 1, further comprising a first pump communicating with the first inflation lumen and a second pump communicating with the second inflation lumen.

10. (Original) The apparatus of claim 1, wherein the pump mechanism inflates the first and second balloons simultaneously and at the same inflation rate.